Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 27 Dec 2021 until 23:59 on Tuesday 28 Dec 2021

Forecast Issued on Monday 27 Dec 2021 at 00:26

Confidence: High for unsettled, mostly mild conditions next week, but increasingly lower confidence for details

Headline for Monday 27 Dec 2021: Low cloud and fog slowly lifting in the morning with perhaps some brightness before cloud and some rain arrives from southwest by the late afternoon.

Mountain weather hazards on Monday 27 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG		
Fog	Fog	Fog	Fog	Light rain	Light rain
Precipitation probability					
10%	20%	20%	20%	50%	80%

Forecast for Monday 27 Dec 2021

Weather: Mostly cloudy overnight with areas of low cloud, hill fog and patchy drizzle. A dull start with fog to low levels, but cloud will slowly lift in morning and may break a little before cloud thickens to bring patchy light rain late by late afternoon, this becoming a little more persistent into the evening with areas of hill fog.

Chance of cloud free mountain/hill tops above 600m: Almost nil, but the tops may be free of cloud until late morning.

Visibility: Poor or very poor becoming moderate perhaps good at times by the end of the morning, but falling poor in rain. Generally very poor at height much of the time, with cloud down to 200m at first but tops could be free of cloud with cloud top around 500m. Patchy cloud above 300 or 400m by the end of the morning, but extensive cloud above 500 or 600m into the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 27 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 SE	8/13 SE	9/15 E	12/18 E	14/22 E	14/22 E	11/18 E
300	4/9 E	5/10 E	6/13 SE	7/15 E	9/20 E	9/21 E	7/17 E
Valley	6/15 E	6/15 E	7/15 E	8/17 E	10/20 E	10/21 E	9/18 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-1	2/-2	2/-1	2/-2	2/-3	3/-2	4/-0
300	4/2	3/0	4/2	4/2	4/1	4/1	5/2
Valley	4/2	4/2	6/4	6/3	6/2	6/3	7/4
Freezing Level*	1100m	1000m	1200m	1200m	1500m	1500m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild, but some chill effect on the tops, especially in rain. A quite murky day, especially to start with some navigational difficulties. Not much sunlight but some glare on the tops out of cloud in morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 27 Dec 2021	8.2mm	9mm	12mm

Forecast for Tuesday 28 Dec 2021

Weather: Cloudy and still rather dull with rain or showers, some heavy. Becoming drier and brighter into the afternoon, with perhaps some sunshine, but still risk of patchy rain or showers. Clear spells in the evening but fog and low cloud may form, with patchy drizzle.

Maximum wind: Easterly 15-20 gusts 30mph, turning north or northeast in the morning then easing 10-15mph, but becoming west or southwest 10mph in evening.

Chance of cloud free mountain/hill tops above 600m: 10% becoming 40% in afternoon

Visibility: Moderate or poor becoming mostly good beneath cloud by the afternoon, but lowering at times in rain and showers. Often very poor at height, with extensive cloud down to 400 or 500m in the morning, but some breaks in afternoon, with cloud mostly above 600 or 700m.

Temperature: **Valleys:** Plus 4 C, rising to plus 9 or 10 C
At 600m: Plus 6 C
Freezing level: Above the tops

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